

L 23057-65

ACCESSION NR. AP4047989

OH or HO₂ radicals were found, confirming hydrogen was split from the ammonia by the OH radical. Orig. art. has: 1 table and 2 figures.

ASSOCIATION: Fiziko-khimicheskij institut im. L. Ya. Karpova (Physical-Chemical Institute)

SUBMITTED: 24Feb64

ENCL: 00

SUB CODE: GC

NO REF SOV: 004

OTHER: 001

Card 2/2

TUPIKOV, V.I.; PSHEZHETSKIY, S.Ya. (Moskva)

Study of radicals formed in the γ -irradiation of tricxane.
Zhur. fiz. khim. 38 no.10:2430-2436 O '64.
(MIRA 18:2)
I. Nauchno-issledovatel'skiy fiziko-khimicheskiy institut
imeni L.Ya. Karpova.

TUPIKOV, V.I.; PSHEZHETSKIY, S.Ya.

Formation of free radicals in the γ -radiolysis of aqueous
solutions of ammonia and hydrazine. Zhur. fiz. khim. 38 no.
10:2511-2513 O '64. (MIRA 18:2)

1. Fiziko-khimicheskiy institut imeni L.Ya. Karpova.

ACCESSION NR: AT4034007

S/0000/63/000/000/0220/0226

AUTHOR: Pshezhetskiy, V. S.; Tupikov, V. I.

TITLE: Kinetics of propagation of gamma-initiated polymerization in solid acetaldehyde

SOURCE: Geterotseptye vysokomolekulyarnye soyedineniya (Heterochain macro-molecular compounds); sbornik statey. Moscow, Izd-vo "Nauka," 1963, 220-226

TOPIC TAGS: polymer, acetaldehyde, solid phase polymerization, radiation polymerization, polymerization catalyst, polymerization temperature, gamma radiation, polymerization kinetics

ABSTRACT: The rate of propagation of the reaction front, and the critical and peak polymerization temperatures were determined for gamma-initiated radiation polymerization in solid acetaldehyde. Samples purified by vacuum distillation were cooled to a polycrystalline solid, then irradiated (Co^{60} , 20,000 curies, 0.5-10.0 Mrad) in long, thin glass ampoules immersed in liquid nitrogen. Critical temperatures of 119.5-123K and peak temperatures of 142.2-147.5K were obtained as averages for five experiments at 3.7 and 6.3 Mrad, respectively, and three thermocouple locations. The polymerization front travelled 1.29 cm/sec at 4.0 Mrad, 2.34 cm/sec at 6.9 Mrad, and about 2.70 cm/sec at 10.0 Mrad. The equation
Card 172

ACCESSION NR: AT4034007

$$\bar{w} = \frac{\bar{\rho}^2 \bar{\alpha} \bar{c} (T_k - T_0)}{\bar{\lambda} (T_m - T_k)} U^2.$$

was derived to express the relationship between average polymerization rate \bar{w} and rate of reaction front travel u in terms of thermal conductivity equations. T_0 , T_k and T_m are initial, critical and peak polymerization temperatures; $\bar{\lambda}$ and $\bar{\rho}$ are the average thermal conductivity and density of the initial solid; $\bar{\alpha}$ is the degree of acetaldehyde conversion; c = heat capacity, assumed constant. Reaction zone widths were calculated as 20.2 cm at 0.5 Mrad and 6.4 cm at 10.0 Mrad, w as 4.5-62 mol/l·sec, respectively. "The authors express gratitude to V. A. Kargin and S. Ya. Pshezhetskiy for their valuable advice and evaluation". Orig. art. has: 5 graphs, 3 tables and 9 formulas.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University); Fiziko-khimicheskiy institut im. L. Ya. Karpova (Institute of Physical Chemistry)

SUBMITTED: 08Feb63

DATE ACQ: 30Apr64

ENCL: 00

SUB CODE: OC

NO REF Sov: 004

OTHER: 001

Card 2/2

MYASNIKOV, A.M., st. inzh.; LIKHOLET, S.F., st. inzh.; BIZHAN, B., inzh.; KOMISSAROV, G.S.; KISELEV, F.S., inzh.; TUPIKOV, V.I., st. inzh.; KARPOVA, Z.A., st. inzh.; KLETSEL', M.M., inzh.; MATSKEVICH, A.V., inzh.; PUSTOVYTOVA, K.S., red.; MOISEYEV, I.N., red.; IVANOVA, Z.V., tekhn. red.

[Hydrological yearbook] Gidrologicheskii ezhegodnik. Lenin-grad, Gidrometeoizdat. 1960. Vol.2. No.7-9. Pod red. K.S. Pustovoitovoi. 1962. 418 p. (MIRA 16:5)

1. Gidrologicheskaya stantsiya Severo-Kavkazskogo upravleniya gidrometeorologicheskoy sluzhby Serafimovich (for Myasnikov).
2. Gidrologicheskaya stantsiya Severo-Kavkazskogo upravleniya gidrometeorologicheskoy sluzhby Kalach-na-Donu (for Likholet).
3. Gidrologicheskaya stantsiya Rzdzorskaya Severo-Kavkazskogo upravleniya gidrometeorologicheskoy sluzhby (for Bizhan).
4. Nachal'nik hidrologicheskoy stantsii Sal'sk Severo-Kavkazskogo upravleniya gidrometeorologicheskoy sluzhby (for Komissarov).
5. Khar'kovskaya hidrometeorologicheskaya observatoriya (for Tupikov).
6. Khar'kovskaya hidrologicheskaya stantsiya (for Karpova).
7. Saratovskaya hidrologicheskaya stantsiya (for Kletsel').
8. Gidrologicheskaya stantsiya Kaluga (for Matskevich).

(Hydrology—Tables, calculations, etc.)

TUPIKOV, V.I.; PSHEZHETSKIY, S.Ya.

Formation and reactions of free radicals produced by γ -radiation
in solid ammonia and hydrazine. Zhur.fiz.khim. 37 no.8:1900-
1903 Ag '63. (MIRA 16:9)

1. Nauchno-issledovatel'skiy fiziko-khimicheskiy institut im.
L.Ya.Karpova.
(Radicals (Chemistry)) (Gamma rays) (Ammonia)

MILINCHUK, V.K.; PSHEZHETSKIY, S.Ya.; KOTOV, A.G.; TUPIKOV, V.I.;
TSIVENKO, V.I.

Formation and recombination of free radicals during γ -irradiation of polypropylene. Part 1. Vysokom. soed. 5 no.1:71-74
(MIRA 16:1)
Ja '63.

1. Fiziko-Khimicheskiy institut im. L.Ya.Karpova.
(Propene) (Gamma rays) (Radicals (Chemistry))

LEVSHINSKIY, D.S.; TUPIKOV, V.N.

Sinking reinforced concrete piles using vibration and
scouring. [Trudy] NII osn. no.51:27-30 '62. (MIRA 16:2)
(Piling (Civil engineering))

L 18303-63

EPR/EPF(c)/EWP(q)/EWT(m)/BDS AFFTC/ASD Ps-4/Pr-4

WW/JW/JFW/JD

S/0076/63/037/008/1900/1903 72

ACCESSION NR: AP3004990

71

AUTHORS: Tupikov, V. I.; Pshezhetskiy, S. Ya.TITLE: Formation and reaction of free radicals in solid ammonia and hydrazine,
formed by Gamma-irradiation. || 27 || 27

SOURCE: Zhurnal fiz. khimii, v. 37, no. 8, 1963, 1900-1903

TOPIC TAGS: Gamma-irradiation, EPR, ammonia.

ABSTRACT: The presence of reaction of NH₂ radicals with NH₃ molecules, and the recombination of NH₂ radicals with solid Gamma-irradiated NH₃ was established by electron paramagnetic resonance. Results showed that the mechanism of radical recombination is the migration of free valences and H atoms. The mechanism can cause the phenomenon of formation of high concentrations of radicals by irradiating solid materials. The recombination of NH₂ and N₂H₃ radicals with NH₃ and N₂H₄ under influence of ultraviolet irradiation was established. The reaction of OH radicals with NH₃ molecules at liquid nitrogen temperature under influence of uv was discovered; NH₂ and NO₂ radicals are formed by the reaction. Orig. art. has: 4 figures, 1 table, 7 equations.

ASSN: Phtsiccochemical scientific research institute.

Card 1/2

AUTHOR: Pshezhetiskiy, V. S.; Tupikov, V. I.

TITLE: A study of the role of free radicals in the solid-phase polymerization of acetaldehyde under the influence of Gamma radiation

CITRO: SSSR: Naukova Dumka, Kiev, 1963, 100 p. (Vysokomolekulyarnye soyedineniya. M., Nauka, 1963, 213-214)

TOPIC: Polymerization; Acetaldehyde; Radiation; Polymerization mechanism; Solid

TRANSLATION:

Using the method of electron paramagnetic resonance, the authors studied the role of radicals in the polymerization of crystalline acetaldehyde. The number of radicals per unit volume, is equal in order of magnitude to the number of polymer chains per unit volume.

Card 1/2

L 38302-65
ACCESSION NR: AF5003330

radical which arises under the influence of ionizing radiation. The formation of ion-radicals is also possible. V. Lzhak.

SUB CODE: OC, NP

ENCL: 00

Card 2/2

BERZOVSKAYA, N.N.; BESSONOV, S.M.; GALKINA, A.F.; GOREUNOVA, V.I.; GRAFSKAYA,
Z.S.; ZHMEYDO, A.T.; LAGUN, G.G.; MALININA, N.N.; KOCHETKOVA, Z.V.;
MATSKO, S.N.; ORLOVA, L.V.; TUPIKOVA, A.A.

Results the of vitaminization of food in public eating establishments.
Vop.pit. 15 no.5:37-42 S-0 '56. (MLRA 9:11)

1. Iz laboratorii (zav. - A.Kh.Petrachev) sanitarno-epidemiologicheskoy
stantsii Frunzenskogo rayona, iz otdela tekhnologii (zav. - kandidat
tekhnicheskikh nauk S.M.Bessonov) Instituta pitaniya AMN SSSR i iz
A.D.Ye - vitaminnogo otdela (zav. - prof. S.N.Matsko) Gosudarstvennogo
nauchno-issledovatel'skogo instituta vitaminologii Ministerstva zdravo-
okhraneniya SSSR, Moskva.

(FOOD.
vitamin supplement, results (Rus))

(VITAMINS.
supplement in food (Rus))

LYALIN, Nikolay Nikolayevich; ASHURKOVA, V.N., obshchaya redaktsiya;
TUPIKOV, A.I., redaktor; PULIN, L.I., tekhnicheskiy redaktor

Shchokino. [Tula] Tul'skoe kn-vo, 1956. 54 p.
(Shchokino--Description)

(MLRA 9:8)

IDASHKIN, S.I., kandidat tekhnicheskikh nauk, (g. Meskva); SAFARYAN, M.K., kandidat tekhnicheskikh nauk, (g. Meskva); TUPIKOV, A.N., inzhener (g. Meskva).

Concrete building elements reinforced with prestressed concrete rods.
Stroi. pred. neft. prem. 2 ne. 3:18-20 Mr '57. (MIRA 10:4)
(Reinforced concrete construction)

TUPIKOV, G. V.

"The Value of Subcutaneous application of Oxygen in Inhalation Chloroform Narcosis (Experimental Investigation)." Cand Med Sci, Stalingrad State Medical Inst, Stalingrad, 1953. (RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

TUPIKOV, M. A., Prof.

Grapes

Polarity in the grape vine. Vin. SSSR 13, No. 3, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Uncl.

TUPIKOV, V. I.; PSHEZHETSKIY, S. Ya.

Free valence migration in stabilized olefin radicals under the
effect of light. Dokl. AN SSSR 156 no. 1:114-117 My '64.
(MIRA 17:5)

1. Fiziko-khimicheskiy institut im. L. Ya. Karpova.
Predstavлено академиком S. S. Medvedevym.

ED TUPIKOVA, A-A.

A simplified method for determining carotene in grass.
A. M. Mikhin and A. A. Tupikova, *Biokhimija* 6, No.
4/5, 373-8(1941)(English summary).—The fresh plants,
grass or leaves, are immersed for 3 min. in a l. of satd.
NaCl soln. Next the plants are dried at 100-8°, extd.
with benzene for 4 hrs. and purified by chromatographic
adsorption, and the carotene is detd. colorimetrically. The
results obtained by this method are in good agreement with
the results obtained by the Murri method (*C. A.* 32,
25641).
M. Hoseh

ND

ASA-ISA METALLURGICAL LITERATURE CLASSIFICATION
EXONI SYSTEMATIC

TUPIKOVA, N.V.; MYALO, Ye.G.

Food of the water vole and methods of studying it. Vop. ekol. 4:
150-152 '62. (MIRA 15:11)

1. Gosudarstvennyy universitet, Moskva.
(Water voles) (Animals, Food habits of)

TURIKOVA, N.V.

Ecology of the house mouse in the central part of the U.S.S.R.
[with summary in English]. Mat. k pozn. fauny i flory SSSR. Otd.
zool, no.8:5-67 '47. (MIRA 11:3)
(Mice)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757510007-8

TUPIKOVA, N.V.

36031 Pitaniye I kharakter sutochnoy aktivnosti zemleroyek sredoney polosy sssr.
Zool. Zhurnal, 1949, Vyp. 6, S. 561-72-Bibliogr: 8 Nazv.

SO: Letopis' Zhurnal'nykh Statey, Vol. 45, Moskva, 1949

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757510007-8"

TUPIKOVA, N.V., KULAGIN, S.M.

Hamsters

New Laboratory animal. Zool. zhur. 31, no. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, OCTOBER 1952 ~~b7c~~ Uncl.

TUPIKOVA, N.V.; KULIK, I.L.

Diurnal activity of mice and its geographical variability. Zool.zhur.
33 no.2:433-442 Mr-Ap '54. (MIRA 7:5)

1. Otdel parazitologii i meditsinskoy zoologii (zaveduyushchiy -
akademik Ye.N.Pavlovskiy) IEM Akademii meditsinskikh nauk SSSR im. N.F.
Gamaleya. (Mice)

TUPIKOVA, N.V.; SHVETSOV, Yu.G.

Water vole propagation in the Volga-Akhtuba flood plain. Zool.
zhur. 35 no.1:130-140 Ja '56. (MIRA 9:5)

1. Geograficheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta imeni M.V. Lomonosova.
(Volga Valley--Water voles)

TUPIKOVA, N.V.; MEDVEDEVA, I. M.

Determining the age of embryos as a method for studying rodent reproduction [with English summary in insert]. Zool.zhur. 35 no.10:1574-1582 O '56. (MLRA 10:1)

1. Otdel prirodnoochagovykh infektskiy Instituta eksperimental'noy meditsiny imeni N.F.Gamaleya Akademii meditsinskikh nauk SSSR. i geograficheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta.
(Embryology--Rodentia)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757510007-8

TUPIKOVA, N.V.; KUCHERUK, V.V.; LAVROVA, M.Ya.

Tagging small rodents in forest belts and oak bullies [with summary
in English] Biul. MOIP. Otd.biol. 61 no.2:21-33 Mr-Apr '56.
(RODENTS) (ANIMALS, MIGRATION OF) (MLRA 9:8)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757510007-8"

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757510007-8

TUPIKOVÁ, N.V.
TUPÍKOVÁ, N.V.; KALMÁD, L.V.

Determining the age of rodents. Mat. k pozn. fauny i flory SSSR.
Otd. zool. no.37:119-154 '57. (MIRA 11:1)
(Mice)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757510007-8"

TUPIKOVA, N.V.

Length of the placental-spot period in steppe voles (*Lagurus lagurus*)
[with summary in English]. Zool. zhur. 37 no.2:308-311 F '58.
(MIRA 11:3)

1. Otdel prirodno-ochagovykh infektsiy Instituta epidemiologii i
mirobiologii AMN SSSR i Geograficheskiy fakul'tet Moskovskogo
gosudarstvennogo universiteta.
(Field mice). (Uterus) (Zoology--Field work)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757510007-8

TUPIKOVA, N.V.; SHVEDOV, A.P.

Taxonomic position, distribution, and ecology of the Altai high-mountain vole. Biul. MOIP. Otd. biol. 66 no.6:5-14, N-D '61.

(MIRA 14:12)

(ALTAI MOUNTAINS--FIELD MICE)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757510007-8"

TUPIKOVA, N.V., LUK'YANOVA, I.V., NERONOV, V.M., RAKOVSKAYA, E.M.

Quantitative characteristics and mapping of the populations of
small mammals in mountain steppes of the Altai. Biul. MOIP. Otd.
biol. 63 no.5:145-146 S-O '58 (MIRA 11:12)
(ALTAI MOUNTAINS--RODENTIA)

TEPEKOVA, N. V., PATKEVICH, I. M., SHCHERBINA, V. V., GRIGOROVICH, T. A., GRIGOROVICH, F. I.,
GRIGOROVICH, N. A.

"Ecological factors of the soft ticks of certain natural foci of tick-borne relapsing fever in which the vector has played a major epidemiological role." p. 133.

Doklady rossijskogo prirodovedcheskogo konfrensi po problemam prirody i cheloveka
Minsk, 22-23 October 1970. (Fourth Conference on Environmental Problems and
Problems and Diseases with Natural Foci 22-23 October 1970), Novosibirsk, 1970,
Academy of Medical Sciences USSR and Academy of Sciences UST, No. 1
27pp.

Inst. of Epidemiology and Microbiology, AMS USSR/Moscow

TUPIKOVA, N.V.; NERONOV, V.M.

Method of mapping the quantitative distribution of animals in a
large area. Vest. Mosk. un. Ser. 5: Geog. 15 no. 5:35 43
S-0 '60. (MIRA 13:11)

1. Kafedra biogeografii Moskovskogo universiteta.
(Hamsters) (Zoogeography--Maps)

TUPIKOVA, N.V.

Diurnal activity rhythm of the forest birch mouse. Zool.zhur. 39
no.6:946-947 Je '60. (MIRA 13:7)

1. Geographical Faculty, Moscow University.
(Mikhnevo District--Birch mouse)

ACC NR: AT6031459

SOURCE CODE: UR/0000/65/000/000/0177/0186

AUTHOR: Tupikova, N. V.

ORG: Geography Department, MGU, Moscow (Geograficheskiy fakultet MGU)

TITLE: Large-scale mapping of numbers of warmblooded tick-borne encephalitis carriers

SOURCE: Konferentsiya po metodam mediko-geograficheskikh issledovaniy. Moscow, 1965. Metody mediko-geograficheskikh issledovaniy (Methods of medicogeographical research); materialy konferentsii. Moscow, 1965, 177-186

TOPIC TAGS: medical geography, disease vector, tick, tick borne encephalitis, disease carriers, ENCEPHALITIS, ANIMAL PARASITE, MAPPING

ABSTRACT: On the basis of catches made at over 200 field stations, large-scale maps of the composition and distribution of warm-blooded animals which may act as carriers of tick-borne encephalitis were made. The test area was quite large and included many ecological areas. This study was part of a larger medical-geographical investigation of diseases and disease vectors carried out in the Kirov oblast. The collection and cartographic techniques involved in making the maps were discussed. [WA-50; CBE No. 12]

SUB CODE:06,08/ SUBM DATE: 17Sep65/ ORIG REF: 009/

ACC NR: AT6031461

SOURCE CODE: UR/0000/65/000/000/0196/0208

AUTHOR: Zemskaya, A. A.; Suvorova, L. G.; Tupikova, N. V.

ORG: Institute of Epidemiology and Microbiology im. N. F. Gamaleya AMN SSSR.
(Institut epidemiologii i mikrobiologii AMN SSSR); Geography Faculty MGU (Geografi-
cheskiy fakultet MGU)TITLE: Cartographic methods of studying ticks connected with natural tick-borne
encephalitis foci in the taigaSOURCE: Konferentsiya po metodam mediko-geograficheskikh issledovaniy. Moscow,
1965. Metody mediko-geograficheskikh issledovaniy (Methods of medicogeographical
research); materialy konferentii. Moscow, 1965, 196-208TOPIC TAGS: medical geography, tick borne encephalitis, disease vector, insect
vector, encephalitis, animal parasite, cartography, biologic ecologyABSTRACT: The distribution of ticks in the Kirov oblast was studied in
connection with the mapping of natural tick-borne encephalitis
foci. Ticks were collected at field stations under carefully
controlled conditions so that data from widely separated points
could be treated statistically. Catch data were plotted on
maps of the various areas under four headings: I) 1-3 ticks
per catch; II) 4-9; III) 10-15; IV) more than 15. The...

Card 1/2

ACC NR: AT6031461

greatest tick populations were found in second-growth forest about five years after cutting. Using specially prepared maps of forest types for plotting data greatly simplifies the recording and visualization of information when superimposed on similar maps showing host distribution, distribution and prevalence of ticks at various stages in their life cycles, and climatic data. [WA-50; CBE No. 12]

SUB CODE:0608/ SUBM DATE: 17Sep65/ ORIG REF: 021/

Card 2/2

ACC NR: AT6031461

SOURCE CODE: UR/0000/65/000/000/0196/0208

AUTHOR: Zemskaya, A. A.; Suvorova, L. G.; Tupikova, N. V.

ORG: Institute of Epidemiology and Microbiology im. N. F. Gamaleya AMN SSSR.
(Institut epidemiologii i mikrobiologii AMN SSSR); Geography Faculty MGU (Geografi-
cheskiy fakultet MGU)

TITLE: Cartographic methods of studying ticks connected with natural tick-borne
encephalitis foci in the taiga

SOURCE: Konferentsiya po metodam mediko-geograficheskikh issledovaniy. Moscow,
1965. Metody mediko-geograficheskikh issledovaniy (Methods of medicogeographical
research); materialy konferentsii. Moscow, 1965, 196-208

TOPIC TAGS: medical geography, tick borne encephalitis, disease vector, insect
vector, encephalitis, animal parasite, cartography, biologic ecology

ABSTRACT: "The distribution of ticks in the Kirov oblast was studied in
connection with the mapping of natural tick-borne encephalitis
foci. Ticks were collected at field stations under carefully
controlled conditions so that data from widely separated points
could be treated statistically. Catch data were plotted on
maps of the various areas under four headings: I) 1-3 ticks
per catch; II) 4-9; III) 10-15; IV) more than 15. The

Card 1/2

ACC NR: AT6031461

greatest tick populations were found in second-growth forest about five years after cutting. Using specially prepared maps of forest types for plotting data greatly simplifies the recording and visualization of information when superimposed on similar maps showing host distribution, distribution and prevalence of ticks at various stages in their life cycles, and climatic data.

[WA-50; CBE No. 12]

SUB CODE: 06,08 / SUBM DATE: 17Sep65 / ORIG REF: 021 /

Card 2/2

ACC NR: AT6031459

SOURCE CODE: UR/0000/65/000/000/0177/0186

AUTHOR: Tupikova, N. V.

ORG: Geography Department, MGU, Moscow (Geograficheskiy fakultet MGU)

TITLE: Large-scale mapping of numbers of warmblooded tick-borne encephalitis carriers

SOURCE: Konferentsiya po metodam mediko-geograficheskikh issledovaniy. Moscow, 1965. Metody mediko-geograficheskikh issledovaniy (Methods of medicogeographical research); materialy konferentsii. Moscow, 1965, 177-186

TOPIC TAGS: medical geography, disease vector, tick, tick borne encephalitis, disease carriers, ENCEPHALITIS, ANIMAL PARASITE, MAPPING

ABSTRACT: On the basis of catches made at over 200 field stations, large-scale maps of the composition and distribution of warm-blooded animals which may act as carriers of tick-borne encephalitis were made. The test area was quite large and included many ecological areas. This study was part of a larger medical-geographical investigation of diseases and disease vectors carried out in the Kirov oblast. The collection and cartographic techniques involved in making the maps were discussed. [WA-50; CBE No. 12]

SUB CODE:06,08/ SUBM DATE: 17Sep65/ ORIG REF: 009/

Card 1/1

L 54954-65 EWT(1)/EWA(j)/T/EWA(b)-2 EW/HO/JK

ACCESSION NR: AP5014291

UR/0016/65/000/006/0080/0086
618.981.455-022.39:599.323.4

25
23
B

AUTHOR: Kucheruk, V. V.; Kulik, I. L.; Nikitina, N. A.; Panteleyev, F. A.;
Rubina, M. A.; Tupikova, N. V.

TITLE: Zoological factors in the existence of several natural foci of tularemia

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 6, 1965, 80-86

TOPIC TAGS: tularemia, epizootiology

ABSTRACT: The authors describe a July 1956 outbreak of tularemia among water rats (*Arvicantha terrestris L.*) living along a brook in the foothills of the Altai (Krasnogorsk Rayon). Affected animals constituted 27% of the water rat population living along the section of the brook where the epizootic occurred and 12% of the total rat population of the brook. The vector was the *Ixodes* tick which in its larval and nymphal stages parasitized chiefly the adult animals. The disease was spread by the nymphs. Water was a less common source of infection, for after the sick rats were removed, no other animals contracted the disease even though the brook remained infected. Another feature of the epizootic was that it was confined to the summer, coinciding with the period of mass infestation of *Ixodes* nymphs.

Card 1/2

L 54954-65
ACCESSION NR: AP5014291

2

Moreover, it was concentrated within a small area. Epizootics in the subalpine brook foci do not spread too far because the populations of the individual brooks have little contact with each other during the summer. In summary, all the tularemia foci of the floodplain and subalpine brook types studied have the following characteristics in common: the water rat is the universal source of infection while *Ixodes* ticks serve as a reservoir of the causative agent during the periods between epizootics; the epizootics occur at times of peak infestation by the tick nymphs. Orig. art. has: 2 figures, 2 tables.

ASSOCIATION: Institut epidemiologii i mikrobiologii im. N. F. Gamalei AMN SSSR
(Gamaleya Institute of Epidemiology and Microbiology, AMN SSSR)

SUBMITTED: 08Feb84 ENCL: 00 SUB CODE: 18
NO REF Sov: 008 OTHER: 000

JW
Card 2/2

KUCHERUK, V.V.; KULIK, I.L.; NIKITINA, N.A.; PANTELEYEV, P.A.; RUBINA,
M.A.; TUPIKOVA, M.V.

Zoological factors in the existence of some natural foci of
tularemia. Zhur. mikrobiol., epid. i immun. 42 no.6;80-86 '65.
(MIFA 18:9)

I. Institut epidemiologii i mikrobiologii imeni N.F. Gamalei
AMN SSSR.

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757510007-8

KORENBERG, E.I.; SUVOROVA, L.G.; KOVALEVSKIY, Yu.V.; TUPIKOVA, N.V.

Birds as tick hosts in European southern taiga forests. Biul.
MOIP. Otd. biol. 69 no.5:16-29 S-0 '64. (MIRA 17:11)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757510007-8"

VORONOV, A. G.; TUPIKOVA, N. V.; CHELTSOV-BEBUTOV, A. M.; VYSHIVKIN, D. D.

"Some trends in modern biogeographic mapping of the land."
report shceduled to be presented at the 20th Intl Geographical Cong, London,
6 Jul-11 Aug 64.

Univ. of Moscow.

TUPIKOVA, T.M., kand.med. nauk

Induction of experimental hypertension by restriction of the
cerebral blood supply in rabbits; preliminary report. Kar-
diologiya 3 no.3:14-21 My-Je'63. (MIR 16:9)

1. Iz Ukrainskogo nauchno-issledovatel'skogo instituta kar-
diologii i fizioterapii (direktor - dotsent F.Ye. Kurkudym).
(HYPERTENSION) (BRAIN-BLOOD SUPPLY)

USSR/Human and Animal Physiology - Respiration.

T

Abs Jour : Ref Zhur Biol., No 3, 1959, 12851

Author : Britvan, Ya.M., Tupikova, T.M.

Inst : Vinnitsa Medical Institute

Title : Importance of Subcortical Segments of the Brain in the
Mechanism of Periodic Disturbance of Respiration.

Orig Pub : Tr. Vinnitsk. med. in-ta, 1958, 15, No 1, 19-29

Abstract : Introduction of a 2.5% solution of novocain into the anterior segment of pons Varolii promoted in cats a prolonged arrest of respiration with subsequent intermittent respiration and also caused a fluctuation in the level of the arterial blood pressure. Injection of novocain into the brain tissue in front of the quadrigeminal body did not produce a disturbance of respiration and arterial pressure. -- S.B. Aronova

Card 1/1

- 62 -

TUPIKOVA, T.M.

Experimental data on the permeability of the synovial membranes.
Med.rad. 1 no.3:35-42 My-Je '56. (MIRA 9:10)

1. Iz kafedry patologicheskoy fiziologii (zav. - prof. N.N.Zayko)
Odesskogo meditsinskogo instituta (dir. - prof. I.Ya. Deyneka)
(SYNOVIAL MEMBRANE, physiol.
permeability determ. in cats)

TUPIKOVA, T. M.

Tupikova, T. M.

"A study of the permeability of the synovial membranes using the method of tagged atoms." Odessa Medical Inst imeni N. I. Pirogov. Odessa, 1955. (Dissertation for the Degree of Candidate in Medical Sciences)

So: Knizhnaya letopis', No. 25, 1956

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757510007-8

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757510007-8"

TUPIKOVA, T.M. (Vinnitsa)

Influence of experimental hypoxia on the permeability of some
biological barriers of the body with reference to radioactive
phosphorus. Pat. fiziol. i eksp. terap. 5 no.4:39-43 Jl-Ag
'61. (MIRA 14:9)

1. Iz kafedry patologicheskoy fiziologii (zav. - prof. F.M.Britvan)
Vinnitskogo meditsinskogo instituta.
(PHOSPHORUS--ISOTOPES) (ANOXEMIA)

TUPIKOVA, Ye.P.; VORONINA, V.N.

4,4'-Tetramethyldiaminothiobenzophenone (Michler thio ketone).
Metod.poluch.khim.reak. i prepar. no.7:10-11 '63. (MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh
reaktivov i osobo chistiykh khimicheskikh veshchestv.

TURIKOVA, Z., and PROKHOLOVA, M.

"The specific activity of cerebral glycogen increases with the simultaneous reduction of its amount during an excitation induced by phenamine,"
a paper submitted at the 2nd Conference on Biochemistry of the Nervous System, AS UkrSSR, 12-16 Feb 1957, Kiev.

1122002

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757510007-8

*Carbohydrate metabolism in the brain in narcotic sleep
and a general discussion of metabolic changes in the brain.*

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757510007-8"

TUPIKOVA, Z.N.

TUPIKOVA, Z.N. (Kazimirova).

Carboxylic acid metabolism of the brain during excitation caused by
caffeine. Uch. zap. iGU no.222:286-297 '57. (MLPA 10:8)

1. Laboratoriya chesara veshchestv kafedry biokhimii Leningradskogo
Gosudarstvennogo universiteta.
(CARBOXYLIC PHYSIOLOGICAL EFFECT)
(CARBOXYLIC ACID STABILISM) (BRAIN)

TUPIKOVA, Z. N. and M. I. PROKHOROVA

"On the intensity of the carbohydrate metabolism in organs"

The Chemistry and Metabolism of Carbohydrates in Animal and Plant Organisms.
Conference in Moscow. January 28 to January 30 1958.
(VAN SSSR, No. 6, 58)

Tupikova, Z.N.

PHASE I BOOK EXPLOITATION

SOV/3597

Prokhorova, Mariya Illarionovna, and Zinaida Nikolayevna Tupikova

Metody opredeleniya radioaktivnogo ugleroda (C^{14}) v komponentakh uglevodnogo i lipidnogo obmena (Methods of Determining the Radioactive Carbon (C^{14}) in Carbohydrate- and Lipid-Exchange Components) [Leningrad] Izd-vo Leningradskogo univ., 1959. 103 p. Errata slip inserted. 1,800 copies printed.

Ed: O.L. Petrovicheva; Tech. Ed.: Ye.G. Zhukova.

PURPOSE: This book is intended for scientific workers and aspirants of biochemistry and physiology laboratories as well as for advanced students in higher educational institutions.

COVERAGE: This book deals with methods for the determination of radioactive carbon (C^{14}) in carbohydrate- and lipid-exchange components of the blood, brain, liver and muscles. It describes experiments on animals and analyzes the experimental data obtained. N.I. Brodskaya, S.I. Zaytseva, A.M. Korvat-skaya, F. Ye. Putilina, and G.P. Sokolova participated in conducting the

Card 1/5

Methods of Determining (Cont.)

SOV/3597

experiments and in the chemical processing of specimens. The authors review biological studies made by the radioactive method in the Soviet Union and abroad and include them in the bibliography. There are 100 references, 33 of which are Soviet.

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AVAILABLE: Library of Congress		
Card 5/5		

TM/lsb
5-18-60

TUPIKOVA, Z.N.; VDOVICHENKO, L.M.; SALTYKOVA, T.P.

Carbohydrate metabolism during medication sleep and waking. Nerv.
sist. no.1:33-43 '60.
(MIRA 13:9)

1. Kafedra biokhimii, Leningradskiy ordena Lenina gosudarstvennyy
universitet im. A.A. Zhdanova.
(CARBOHYDRATE METABOLISM) (SLEEP)

TUPIKOVA, Z.N.

Comparative characteristics of glycogen metabolism in the
cerebellum and cerebrum. Nerv. sist. no. 2:31-36 '60.

(MIRA 14:4)

(GLYCOGEN) (BRAIN)

PROKHOROVA, Mariya Illarionovna; TUPIKOVA, Zinaida Nikolayevna;
PETRUN'KINA, A.M., doktor biol. nauk, otd. red.;
PETROVICHEVA, O.L., red.

[Comprehensive laboratory manual on carbohydrate and lipid metabolism] Bol'shoi praktikum po uglevodnomu i lipidnomu obmenu. Leningrad, Izd-vo Leningr. univ., 1965. 219 p.
(MIRA 18:9)

TUPIKOVA, Z.N.; KORVATSKAYA, A.M.

Glycogen metabolism in the organs of the central nervous system
during the period of the aftereffect of narcotics and stimulants.
Nerv. sist. no.5:10-15 '64. (NIKA 18:3)

1. Laboratoriya obmena veshchestv Leningradskogo gosudarstvennogo
universiteta.

TUPIKOVA, Z. N., BRODCKAYA, N. I., PROKHOROVA, M. I. (USSR)

"The Difference in the Rate of Renewal of Glycogen
Fractions in the Organs."

Report presented at the 5th International Biochemistry Congress,
Moscow, 10-16 August 1961

KOZLOV, Ya. (Tbilisi); PAPANDOPULO, S. (Tbilisi); TUPIKOVSKIY, A.
(Tbilisi); MALANCHEV, L. (Tbilisi)

The ninth lesson. Grazhd. av. 18 no.6:4-7 Je '61.
(MIRA 14:7)

1. Vneshtatnyye korrespondenty zhurnala "Grazhdanskaya aviatsiya"
(for Kozlov, Panandopulo, Tupikovskiy).
2. Spetsial'nyy
korrespondent zhurnala "Grazhdanskaya aviatsiya" (for Malanchev).
(Tiflis--Technical education)
(Tiflis--Airplanes--Maintenance and repair)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757510007-8

TOL'SKIY, A.A.; TUPILKO, V.M.; MASYUKOV, N.T.

Efficient rate of steel pouring. Metallurg 10 no.9 1965
(MIRA 18.9)

L. Yenakiyevskiy metallurgicheskiy zavod.

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CIA-RDP86-00513R001757510007-8"

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757510007-8

BRAYTIN, I.Ye.; LAD'YANOV, I.N.; RISHCHENKO, N.N.; BABIY, A.S.;
TVERIKOV, V.M.; VAL'NOVSKIY, V.G.; KOVALEV, P.I.

Production of 33S silicon reinforcement steel. Met. i gornarst.
prom. no.6:67-69 N-D '64. (MIRA 18:3).

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757510007-8"

BRAYNIN, I.Ye.; RAD'YANOV, I.N.; TROCHUNOV, Ya.L.; KATTENBURG, A.R.;
TUPILKO, V.M.

Nature of the brittleness of highly resistant reinforcement steel.
Izv. vys. uchen. zav.; chern. met. 7 no.10:127-131 '64.
(MIRA 17:11)

1. Donetskiy politekhnicheskiy institut i Donetskiy metallurgi-
cheskiy zavod.

MAL'KOV, V.G., inzh.; PRUDNIKOV, I.I., inzh.; PUMOV, V.S., inzh. V rabote
prinimali uschastie: L. A. S., N.M., inzh.; MERSHCHIY, N.P., inzh.;
CHETVERIKOV, V.Ya., inzh.; KAROV, I.M., inzh.; RATHER, B.R., inzh.;
BUBEYCHEV, G.D., inzh.; ALFEROV, K.S., inzh.; PAVLENKO, N.M., inzh.;
FINKEL'SHTEYN, M.M., inzh.; PLUZHKO, N.F., inzh.; SAMSONOV, T.F.,
inzh.; BABENKO, N.N., inzh.; LAD'YANOV, N.I., inzh.; TUPIL'KO, V.S.,
inzh.

Deoxidizing and alloying 25G2C steel with ferromanganese and ferro-silicon in 200-ton ladles. Stal' 20 no.9:803-806 S '60.(MIRA 13:9)
(Steel, Structural-Metallurgy)

TUPINFVITCH, S.M.,
MMF. A.P. BUDRINA, (Phytopathology) 340, pp., 132 figs.,
1 graph, 5 maps, (State Publ. Off. Lit. Collect & Co-op
Farming(), Leningrad, 1935

AAMISEPP, I.; EICHENBAUM, E.; HALLER, E.; KAARLI, K.; KIIX, H.;
KIVI, V.; KOTKAS, H.; KORJUS, H.; LEIVATEGIJA, L.; LIIV, J.;
LÄNTS, L.; MÄLKSCO, A.; PEDAJA, V.; POLNA, R.; RANDALU, I.;
RUUGE, J.; SEKSEL, H.; TOOMRE, R.; TUPITS, H.; TUUL, S.;
TÖNISON, H.; TÄÄGER, A.; VIIRAND, M.; VAHENÖMM, K.; ARAK, A.,
red.

[Plant breeding] Taimekasvatus. Tallinn, Eesti Raamat, 1964.
(MIRA 18:1)
813 p. [In Estonian]

SOLOMATIN, V.M.; YAURE, A.G., inzh., retsenzent; KONSTANTINOV, V.P.,
retsenzent; PETUKHOV, M.N., retsenzent; KRUGLIK, G.L.,
retsenzent; TUPITSA, I.S., retsenzent; FRIK, A.O., inzh.,
nauchn. red.

[Manual for ship engineers and electricians] Spravochnik
elektromekhanika i elektrika sudna. Moskva, Izd-vo
"Rechnoy transport," 1963. 713 p. (MIRA 17:2)

TIMOFEEVA, L.V.; MITROFANOV, A.M.; RASNITSIN, S.P.; TUPITSIN, L.F.;
GADALIN, Yu.I.

Experimental use of antilarval measures in the control of
black flies (Diptera, Simuliidae) along the Angara River at
the construction site of the Bratsk Hydroelectric Power
Station; a preliminary report. Med. paraz. i paraz. bol.
32 no.1:65-71 Ja-F'63. (MIRA 16:10)

1. Iz entomologicheskogo otdela (zav. - prof. V.N.Beklemishev
[deceased]) i otdela entomotoksikologii (zav. - prof. V.A.
Nabokov) Instituta meditsinskoy parazitologii i tropicheskoy
meditsiny imeni Ye.I.Martsinovskogo (dir. - prof. P.G.
Sergiyev) Ministerstva zdravookhraneniya SSSR.

*

S/193/62/000/004/002/008
A004/A101

AUTHORS: Mkhitaryan, L. S., Andreyeva, T. M., Tupitsin, G. I.

TITLE: Accelerated method of silver plating of components

PERIODICAL: Byulleten' tekhniko-ekonomicheskoy informatsii, no. 4, 1962, 17-19

TEXT: The authors report on investigations carried out by a Soviet organization [Abstracter's note: No name given] to deposit a silver coating of 1.0 - 1.5 mm thickness on steel by the electrolytic method. The silver was deposited directly on the steel and on a nickel sublayer. The specimens were made of 30 XGCA (30KhGSA) grade steel, and were pretreated in a solution containing 30 vol.% sulfuric acid (specific gravity 1.84), 30 vol.% orthophosphoric acid (specific gravity 1.57) and 40 vol. % water. The specimens were pickled for 5 - 6 minutes at 20 - 30°C and an anode current density of 20 - 25 amp/dm². After pickling and flushing in cold running water the specimens were either directly silver-plated or a sublayer of nickel was applied from an electrolyte containing (gram/liter): nickel sulfate - 200, nickel chloride - 30, boric acid - 30, ammonium sulfate - 1.0, pH 3.5 - 4. After the nickel plating the specimens were subjected to preliminary silver plating in an electrolyte

Card 1/2

S/193/62/000/004/002/008
A004/A101

---Accelerated method of silver plating of components

containing (gram/liter): metallic silver - 0.5 - 2.0, potassium cyanide - 60 - 100, potassium carbonate - 30 - 50, at a current density of 15 - 20 amp/dm². To shorten the time of the final silver plating, which took some 50 hours, a technology and an electrolyte composition have been developed that made it possible to increase the current density, while the quality of the silver plating was not reduced. The electrolyte contained (gram/liter): metallic silver - 30 - 40, potassium cyanide - 120 - 160, potassium carbonate - 40 - 90, caustic potash - 1.2 - 2.0. The electrolyte temperature was 40 + 5°C, the current density 5 - 10 amp/dm² and the current yield 90 - 95%. During the electrodeposition process the electrolyte was stirred continuously. A deposition of a silver coating of 1 - 1.5 mm thickness in this electrolyte did not take more than 6 hours. The free cyanogen-to-metallic silver ratio of this electrolyte should amount to approximately 1.6. In torsion tests the silver plating did not peel off. The adhesion strength of the silver layer was also proved by milling. The author gives a brief description of the silver plating of a small aluminum-alloy cylinder. There is 1 figure.

Card 2/2

MKHITARYAN, L.S.; ANDREYEVA, T.M.; TUPITSIN, G.I.

High-speed method for the silver-plating of parts. Biul.tekh.-
ekon.inform.Gos.nauch.-issl.inst.mauch. i tekhn.inform. no.4:17-19 '62.
(MIRA 15:7)

(Silver-plating)

SMILKSTYN, A.O.; TUPITSIN, Ye.M.

New data on phosphate-bearing Devonian sediments in the Gornyy Altai. Min. syr'e no.10:55-60 '64.

(MIRA 18:3)

KRUGLIKOVА, M., kанд. istoricheskikh nauk, ispolnyayushchiy
obyazannosti dotsenta; TUPITSINA, M., starshiy prepodavatel'
politicheskoy ekonomii

With the progressive collectives of the Black Sea. Mor. flot
(MIRA 18:11)
25 no.10:6-7 0 '65.

1. Kafedra filosofii Odesskogo vysshego inzhenernogo morskogo
uchilishcha (for Kruglikova). 2. Kafedra istorii partii Odesskogo
vysshego inzhenernogo morskogo uchilishcha (for Tupitsina).

ZMAGA, P.I., inzh., red.; VOROB'YEV, S.A., kand.tekhn.nauk, red.;
KABLOV, A.A., inzh., red.; KUZUBOV, V.I., inzh., red.;
LEONOV, A.Ye., dotsent, red.; TUPITSYN, A.I., kand.tekhn.nauk,
red.; KHMARA, S.M., kand.tekhn.nauk, red.; DONSKOY, Ya.Ye.,
red.; KARDASH, G.I., red.; LYALYUK, I.P., red.; LIMANOVA, M.I.,
tekhn.red.

[Mechanization and automation; collected articles on the
introduction of mechanization and automation at machinery plants
in Kharkov] Mekhanizatsiya i avtomatizatsiya; sbornik statei
ob opyte vnedreniya mekhanizatsii i avtomatizatsii na Khar'kovskikh
mashinostroitel'nykh zavodakh. Khar'kov, Khar'kovskoe knizhnoe
izd-vo, 1960. 373 p.
(Kharkov--Machinery industry) (Automation)

1. KOVALEV, N. V. ; TUFTSIK, D. I.
2. USSR (600)
4. Apple - Main Turkmen Canal Region
7. Apple trees in commercial fruit culture in the Main Turkmen Canal region.
Sad i og. No. 10. 1952.
9. Monthly List of Russian Accessions, Library of Congress. January 1953. Unclassified.

TUPITSIN, V.I.

USSR/Cultivated Plants - Fruits. Berries.

L-6

Abs Jour : Ref Zhur - Biologiya, No 16, 25 Aug 1957, 69364

Author : Kovale N.V., Glushchenko. K.S., Tupitsin, D.I.

Inst :

Title : Summer Stoppage of Growth of Fruit Trees.

Orig Pub : Dokl. AN UzSSR, 1956, No 4, 45-49

Abst : Experiments were conducted in the Shreder fruit-berry institute (Uzbek SSR) on the effect of agrotechnique in periods of shoot growth. The experiments were conducted on a Bely (white) naliv apple tree for 8 years. The effect of different systems of fertilization and irrigation were studied. It was established that neither the agrotechnique nor the length of daylight, nor air or soil temperatures were the causes of growth stoppage. The basic reason for growth stoppage in irrigation environments of optimal humidity was the abundant growth of leafy surface (at the end of May). In normally irrigated orchards the

Card 1/2

BOTVINIK, Yefim Solomonovich; DMITRIYEV, Oleg Aleksandrovich; GEL'MAN,
Moisey Isaakovich; TUPITSIN, Yuriy Semenovich; EL'BERT, Aleksandr
Aronovich; VARAKSIN, F.D., red.; LEEDEVA, I.D., red. izd-va;
PARAKHINA, N.L., tekhn. red.

[Use of the continuous method for the manufacture of particle
boards] Proizvodstvo struzhechnykh plit nep-eryvnym sposobom. Mo-
skva, Goslosbumizdat, 1961. 98 p. (MIRA 15:2)
(Hardboard) (Assembly-line methods)

TUPITSINA, G., nauchnyy sotrudnik

To be a shining example for others. Sov. profsoiuzy 17 no.15;
25-26 Ag '61. (MIRA 14:7)

1. Rektor universiteta obshchestvennykh professiy, Gosudarstvennyy
muzey geroicheskoy oborony i osvobozhdeniy Sevastopolya, Krymskaya
obl'st'.
(Sevastopol--Adult education)

KACHEROVSKAYA, M.S.; TUPITSINA, N.P.

Importance of tonsillectomy in diseases of the nervous system.
Vrach.delo no.1:1263-1266 D '58. (MIRA 12:3)

1. Otolarinologicheskaya klinika (zav. - prof. A.M. Natanzon) i klinika
nervnykh bolezney (zav. - prof. G.D. Leshchenko) Khar'kovskoy oblastnoy
klinicheskoy bol'niitsy.
(NERVOUS SYSTEM--DISEASES) (TONSILS--DISEASES)

TUPITSYN, A.

Relay race in a labyrinth. Okhr.truda i sots.strakh. 6 no. 1:31-
32 Ja '63. (MIRA 16:1)
(Safety goggles)

TUPITSYN, A.I., (Khar'kov)

Transient curve shape in case of minimum integral quadratic error.
Avtom. i upravlen. 14 no. 4: 407-417 Jl-Ag '53.
(MLRA 10:3)
(Automatic control)

TUPITSYN, A.I. (Khar'kov)

Integral criterion for the selection of optimum parameters for
automatic control systems with a given overshoot [with summary in
English]. Avtom. i telem. 20 no.4:406-414 Ap '59.

(MIRA 12:5)

(Automatic pilot (Airplanes))

TUPITSYN, A.

They don't hear any factory noise.... Okhr. truda i sots. strakh 5
no.8:34-35 Ag '62. (MIRA 15:7)
(Noise control)

TUPITSYN A.I.

Tupitsyn A. I., "The Form of the Transition Curve in the Presence of Minimum Integral Quadratic Error (Integral Evaluation of the Dynamics of Automatic Regulation Systems)," *Avtomatika i telemekhanika* [Automation and Telemechanics], 1953, Volume XIV No 4, Pages 407-417; bibliography, 10 items.

TUPITSYN, Anatoliy Ivanovich, kand.tekhn.nauk, dotsent; SUYARKO, Sergey
Vasil'yevich, aspirant

Use of nonlinear stabilization in electric drives. Izv. vys. ucheb.
zav; elektromekh. 3 no.8:104-110 '60. (MIRA 13:9)

1. Kafedra elektrifikatsii promyshlennyykh preipriyatiy Khar'kovskogo
politekhnicheskogo instituta.
(Electric driving) (Automatic control)

KOVALEV, N.V.; TUPITSYN, D.I.

Vegetative propagation of wild fruit plants under natural conditions and natural selection. Izv. Akad. Nauk UzSSR 3:99-100 '56.
(MIRA 12:6)

(Tien Shan--Fruit trees)

TUPITSYN, D.I.

Dormancy and microsporogenesis in plums. Bot.zhur. 42 no.3:457-461
Mr '57. (MLRA 10:5)

1. Plodoyagodnyy institut im. akademika R.R. Shredera Akademii
nauk Uzbekskoy SSR, Tashkent.
(Plum) (Dormancy) (Spores (Botany))

COUNTRY	:	USSR	M-8
CATEGORY	:		
ABS. JOUR.	:	RZBiol., No. 1/9 1950, No. 87224	
AUTHOR	:	Tupitsyn, D. I.	
INST.	:		
TITLE	:	Winter Hardiness and Biology of Development of Fruit Buds of Plums in Uzbekistan	
ORIG. PUB.	:	Tr. po prikl. botan. genet. i selektsii, 1957, 30, No 3, 224-247	
ABSTRACT	:	In the investigations conducted during 1951-1953 at the fruit and berries experiment station Imeni Shreder and the Central Asian station of the All-Union Institute of Plant Breeding, a study was made of the development cycle of fruit buds of 7 varieties of plums and 1 variety of apricots, from beginning of differentiation of the buds to flowering. Altogether, over 3 years, more than 2500 fruit buds were studied: of nkhori apricots, of plums Tlor-Tsiran, Mestnaya, Berbanka, lesnaya, Zelotaya, Ugorka, tslingenskaya, Jefferson, Ullenskay, Reine-Claude, Persikovaya, Luvenskaya Kr-savitsa, and the wild plum. Covering scales of plum buds begin to form in CARD: 1/3	

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Country : USSR M-8
CATEGORY :

ASS. JOUR. : RENkol., No. // 1959, No. 674+

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : Measurements at the time of the start of the annual growth of the plants (middle of April), and continuing to the end of July - beginning of August, i.e. the time when the leaves are falling (in October) all the parts of the flower are formed in the embryonic flower. Growth of the same embryonic flower continues even during the winter. Development of arched petals can be observed also during the dormant period. Increase of plant height, probably, a more rapid rate of development of embryonic flower in winter. Increase in diameter of the embryonic flower taken twice most rapidly in apricot, next in sweet cherry varieties of prunes, and in mandarins and in the smallest part in cultivated varieties of plum.

CARD: 4/3

ZHURAVLEV, M.S., kand. sel'khoz. nauk; KOVALEV, N.V., kand. sel'khoz. nauk; MONAKHOV, G.V.; MUKHAMEDOV, G.K.; TATAUROVA, A.S.; TUZ, A.S.; TUPILSYK, D.I.; FRGLOV, A.I.; VYSOTSKIY, K.A., kand. sel'khoz. nauk, red.; PAVLOVA, N.M., doktor biol. nauk, red.; KUL'TISOV, N.V., kand. sel'khoz. nauk, red.; FYLAEVA, L.N., red.; SOROKINA, Z.I., tekhn. red.

[Catalog of the prospective varieties of fruit, berry, and grape crops in the collection of the Central Asia Experiment Station of the All-Union Institute of Plant Culture] Katalog perspektivnykh sortov plodovo-iagodnykh kul'tur i vinograda v kolleksii Sredneaziatskoi opytnoi stantsii. Tashkent, Vses. nauchno-issl. in-t rastenievodstva, 1961. 123 p. (MIRA 16:12)

1. Sredneaziatskaya opytnaya stantsiya.
(Soviet Central Asia--Fruit--Varieties)

USSR/Cultivated Plants - Fruits. Berries.

M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82508

Author : Tupitsyn, D.I.

Inst :

Title : Prospects of the Development of the Plum in
Central Asia.

Orig Pub : Sad. i ogorod, 1958, No 1, 44-45

Abstract : Under the Central Asiatic Conditions plums have advantages over apricots. They are more resistant to frosts and diseases and bear fruit more regularly and plentifully. Most promising for plum cultivation are regions with altitudes of 800-1500 meters above sea level. The most promising dry fruit varieties are listed.

Card 1/1

USSR/Cultivated Plants. Fruit Trees. Small Fruit Plants.

M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77844.

Author : Tupitsyn, D.I.

Title : Development of Fruit Buds of the Plum in Connection
With Their Cold Resistance in Uzbekistan.

Inst : Fruit and Berry Institute AS UzSSR.

Orig Pub: Tr. Plod.-yagod. in-ta AN UzSSR, 1956, vyp. 21,
33-71.

Abstract: The plum is promising for Uzbekistan since its
fruit buds are more resistant to cold than the
apricot. The study in 1951-1954 of 11 varieties
of 7 species of the plum *Prunus domestica* L., *P.*
spinosa, *P. sogdiana* Vass, *P. salicina* Lindl,
P. Simonii Carr., *P. Munsoniana* Wight et Hedr.
and *Prunoarmeniaca dasycarpa* Kov. (plumcot) showed

Card : 1/2

140

TUPITSYN, D. I.

TUPITSYN, D. I. -- "The Biology of Development of the Fruit-Buds of Plums under the Conditions Prevailing in Uzbekistan." Published by SAGI. Min Higher Education USSR. Central Asia State U imeni V. I. Lenin. Tashkent, 1955. (Dissertation for the Degree of Candidate in Biological Sciences)

SOURCE Knizhnaya Letopis', No 6 1956